Index of Claims

| Appl | ication | Control | No. |
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10/685,563

Examiner

Sujatha Sharma

Applicant(s)/Patent under Reexamination

KIM ET AL.

Art Unit

2618

| 1 | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla           | aim   | 1              |          |          |              | Date     |          |          |          |          |     |
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| _ <del></del> | l   | 1              |          | Γ-       | <del>_</del> | <u> </u> | Ė        | Г        |          |          | 1:  |
| Final         | Original  | 2267           |          |          |              |          |          |          |          |          |     |
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|               | 2   | н              | ⊢        | _        | <u> </u>     | -        | _        | <u> </u> | _        | _        | l   |
|               | 0   | Ш              | ┡        | <u> </u> | <u> </u>     | -        | <u> </u> | <u> </u> | _        |          | Į.  |
| <u> </u>      | -   | 1              | <u> </u> | <u> </u> |              | <u> </u> |          | <u> </u> | _        | _        | ŀ   |
| -             | 8   | -              | _        | <u> </u> | <u> </u>     | <u> </u> | _        | <u> </u> |          | _        | ŀ   |
|               | 9_  | Щ.             | <u> </u> | _        | _            | <u> </u> | _        | <u> </u> |          | _        | ľ   |
|               | 10  | Ш.             | 匚        | L.       | <u> </u>     | L        | _        | L_       |          |          | ١,  |
|               | 11  | Щ_             | _        | _        |              | <u> </u> | _        | _        |          | _        | 1   |
|               | 12  | Щ.             | <u> </u> | L_       |              | _        | _        | _        | _        | _        | ١   |
| <u> </u>      | 13  | 11_            | <u> </u> | _        | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |     |
|               | 14  | Ш              | _        |          |              |          |          | L        |          | _        | ļ   |
|               | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | Ш              | _        |          |              |          |          |          |          |          | ١.  |
|               | 16  | V              | <u> </u> | <u> </u> |              |          |          |          |          |          | l   |
|               | 17  | '              |          | L        |              | _        | <u> </u> |          |          |          | ١.  |
| L             | 18  |                |          |          |              |          | <u> </u> |          |          |          |     |
|               | 19  |                | _        |          | _            |          |          |          |          | L        |     |
|               | 20  |                |          |          |              |          |          |          |          |          |     |
|               | 21  |                |          |          |              |          | ĺ        |          |          |          | 1   |
|               | 22  |                |          |          |              |          |          |          |          |          | ŀ   |
|               | 22<br>23  |                |          |          |              |          |          |          |          |          | l   |
|               | 24<br>25  |                |          |          |              |          |          |          |          |          | ŀ   |
|               | 25  |                |          |          |              |          |          |          |          |          | 1   |
|               | 26  |                |          | Γ        |              |          |          |          |          |          | -   |
|               | 27<br>28  |                |          |          |              |          |          |          |          |          |     |
|               | 28  |                |          |          |              |          |          |          |          |          |     |
|               | 29  |                |          |          |              |          |          |          |          |          | ۱., |
|               | 30  |                |          |          |              |          |          |          |          |          |     |
|               | 31  |                |          |          |              |          | Γ        |          |          |          | 1   |
|               | 30<br>31<br>32  |                |          |          |              |          |          |          |          |          |     |
|               | 33  |                |          |          |              |          |          |          |          |          |     |
|               | 33<br>34  |                |          |          |              |          |          |          |          | L        | ľ   |
|               | 35  |                |          |          |              |          |          |          |          |          |     |
|               | 36  |                |          |          |              |          |          |          |          |          |     |
|               | 37  |                |          |          |              |          |          |          |          |          |     |
|               | 38<br>39  |                |          |          |              |          |          |          |          |          |     |
|               | 39  |                |          |          |              |          |          |          |          |          |     |
|               | 40  |                |          |          |              |          |          |          |          |          |     |
|               | 41  |                |          |          |              |          |          |          |          |          |     |
|               | 42  |                |          |          |              |          |          |          |          |          |     |
|               | 43  |                |          |          |              |          |          |          |          |          |     |
|               | 44  |                |          |          |              |          |          |          | Г        |          | ĺ   |
|               | 45  |                |          |          |              | Г        |          |          |          |          |     |
|               | 46  | Γ              |          |          |              |          |          |          |          |          | 1   |
|               | 47  | Г              |          |          |              |          |          | П        |          |          |     |
|               | 48  |                | Γ        | Г        |              |          |          |          |          |          |     |
|               | 49  | Г              | Г        | П        |              |          |          |          | Т        | Т        |     |
|               | 50  |                |          |          |              |          |          |          |          |          |     |
|               |   |                |          |          |              |          |          |          |          |          |     |

| Cla         | aim            | n Da         |              |  |              |  |   | ate      |          |          |  |  |  |
|-------------|----------------|--------------|--------------|--|--------------|--|---|----------|----------|----------|--|--|--|
|             |                |              |              |  |              |  |   |          |          | П        |  |  |  |
| ۱ ـ         | Original       |              |              |  | 1            |  |   |          |          |          |  |  |  |
| Final       | : <u>5</u>     |              |              |  |              | ŀ  |   |          | l        |          |  |  |  |
| <u>ا</u> لا | ١٦             | Ι,           |              |  |              |  |   |          |          |          |  |  |  |
|             | l .            |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 51             | ·            |              |  |              |  |   |          |          |          |  |  |  |
|             | 52             |              | $\vdash$     | <u> </u>   | $\vdash$     |  |   |          |          | П        |  |  |  |
|             | 51<br>52<br>53 | H            | ┢            | ┢  | $\vdash$     | $\vdash$   |   | $\vdash$ | ⊢        | -        |  |  |  |
| <u> </u>    | 53             | -            |              |  | -            | ├—   | ⊢   | <u> </u> | _        | Н        |  |  |  |
|             | 54<br>55       | _            |              | _  |              | _  |   | _        |          | Щ        |  |  |  |
| L           | 55             |              |              |  |              |  |   |          |          |          |  |  |  |
| ĺ           | 56             |              |              |  |              |  | ĺ   | ĺ        |          |          |  |  |  |
|             | 57             |              |              |  |              |  |   |          |          |          |  |  |  |
| <b>—</b>    | 58             | $\vdash$     | $\vdash$     | <del>                                     </del>   | $\vdash$     | -  |   | _        | $\vdash$ | $\vdash$ |  |  |  |
|             | 59             | H            | $\vdash$     | <del> </del>   | ┝            | ├-   |   |          | $\vdash$ | Н        |  |  |  |
|             | 29             |              | <u> </u>     | -  | ├            | ⊢-   | <u> </u>  | _        | _        | Н        |  |  |  |
| -           | 60             | $oxed{oxed}$ | _            | <u> </u>   | <u> </u>     | Ļ  | <u> </u>  |          |          |          |  |  |  |
| L           | 61             |              | L            | L  | L            | L  |   | L        | L        |          |  |  |  |
|             | 62             |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 62<br>63       | Г            |              |  |              |  |   |          | П        | П        |  |  |  |
|             | 64             | $\vdash$     |              | H  | $\vdash$     |  |   | $\vdash$ |          | Н        |  |  |  |
| ·           | 65             | <u> </u>     | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ |  |  |  |
|             | 65             | -            | <u> </u>     | <u> </u>   | <del> </del> | <u> </u>   | -   | <u> </u> | <u> </u> | Щ        |  |  |  |
|             | 66             |              | L            | <u> </u>   |              |  | $ldsymbol{le}}}}}}$ |          | <u> </u> | Щ        |  |  |  |
| L           | 67             |              | L            | L  | L            | L_   | L   | L        | L        |          |  |  |  |
|             | 68<br>69       |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 69             |              | _            |  |              |  |   |          |          | $\vdash$ |  |  |  |
| $\vdash$    | 70             |              | $\vdash$     |  | $\vdash$     | $\vdash$   |   | $\vdash$ | _        | Н        |  |  |  |
| -           | 70             |              | $\vdash$     | -  | ⊢            | ⊢  | -   | _        | $\vdash$ | $\vdash$ |  |  |  |
|             | 71             | _            |              | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>  |          |          |          |  |  |  |
|             | 72             |              |              |  |              |  |   |          |          |          |  |  |  |
| Į.          | 73<br>74<br>75 |              |              |  |              | ł  | 1   | ł        |          |          |  |  |  |
|             | 74             |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 75             |              |              |  | $\vdash$     | _  |   |          |          |          |  |  |  |
| -           | 76             | -            | $\vdash$     |  | $\vdash$     | $\vdash$   | $\vdash$  | _        | _        | Н        |  |  |  |
| -           | 76<br>77       |              | -            | -  | -            | -  | ┝   | _        | _        | $\vdash$ |  |  |  |
|             | 11             | L-           | <u> </u>     |  | _            | <u> </u>   | <u> </u>  |          | _        | Ш        |  |  |  |
|             | 78             | _            |              | _  | L.           | L  |   |          | $\Box$   | Ш        |  |  |  |
|             | 78<br>79       |              |              |  | L            | <u> </u>   |   |          |          |          |  |  |  |
|             | 80             |              |              |  | Г            |  |   |          |          |          |  |  |  |
|             | 81             |              |              |  |              |  |   |          |          |          |  |  |  |
| $\vdash$    | 81<br>82       | $\vdash$     | $\vdash$     | -  | _            | <del>                                     </del>   | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ |  |  |  |
| <b>—</b>    | 02             | -            | -            | $\vdash$   | -            |  | -   | $\vdash$ | $\vdash$ | $\vdash$ |  |  |  |
| <u></u>     | 83             | <u> </u>     | L.           | _  |              | <u> </u>   | <u> </u>  | L-       | L-       | Щ        |  |  |  |
| L           | 84             | L            | <u>L</u>     | L  | L_           | <u> </u>   | L   |          | _        | Ш        |  |  |  |
|             | 85             | L            | L            | L  | L            | L  | L   | L        | L        |          |  |  |  |
|             | 86             |              | Γ            |  |              |  |   |          |          |          |  |  |  |
|             | 87             |              | Г            |  |              |  |   | Г        |          |          |  |  |  |
| $\vdash$    | 88             | $\vdash$     | $\vdash$     |  | ┢            | $\vdash$   | $\vdash$  | <u> </u> | $\vdash$ | H        |  |  |  |
| $\vdash$    | 00             | $\vdash$     | -            | -  | -            | -  | ⊢   | $\vdash$ | $\vdash$ | $\vdash$ |  |  |  |
| <u> </u>    | 89             | <u> </u>     | _            | $\vdash$   | <u> </u>     | <u> </u>   | <u> </u>  | <b>-</b> | -        | $\vdash$ |  |  |  |
|             | 90             | L            |              | <u> </u>   | <u>_</u>     | <u> </u>   | <u> </u>  |          |          | Ш        |  |  |  |
|             | 91             | L            | L            | L  | L            | L  | L   | L        | L        |          |  |  |  |
|             | 92             |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 93             |              |              |  |              | Г  | Г   |          |          | П        |  |  |  |
|             | 94             | $\vdash$     | $\vdash$     | <del>                                     </del>   | $\vdash$     | $\vdash$   |   | $\vdash$ |          | H        |  |  |  |
| -           | 05             | -            | <del> </del> | $\vdash$   | -            | -  | -   | $\vdash$ | $\vdash$ | Н        |  |  |  |
| <u> </u>    | 95             | _            | <u> </u>     | <u> </u>   |              | <u> </u>   | _   | <u> </u> | -        | Н        |  |  |  |
|             | 96             |              |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |              | $ldsymbol{ld}}}}}}$ | L   |          |          | Ш        |  |  |  |
| L           | 97             |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 98             |              |              |  |              |  |   |          |          |          |  |  |  |
|             | 99             |              | $\vdash$     | $\vdash$   |              | $\vdash$   | Н   | $\vdash$ | $\vdash$ | Н        |  |  |  |
| <b>-</b>    | 100            | -            | -            | $\vdash$   |              | $\vdash$   | $\vdash$  | -        | $\vdash$ | Н        |  |  |  |
|             | 100            | L            |              |  |              |  | L.,   |          |          |          |  |  |  |

| Cla   | aim               |  |   | Date | <br><del>2</del> |        |          |        |
|-------|-------------------|--|---|------|------------------|--------|----------|--------|
|       |                   |  |   |      |                  |        |          |        |
| Final | Original          |  |   |      |                  |        |          |        |
| 造     | rig               |  |   |      |                  |        |          |        |
|       |                   |  |   |      |                  |        |          |        |
|       | 101<br>102        |  |   |      |                  |        |          |        |
|       | 102               |  |   |      |                  | Г      |          | П      |
|       | 103               |  |   |      |                  |        |          |        |
|       | 103<br>104        |  |   |      |                  |        |          |        |
|       | 105               |  |   |      |                  |        |          | П      |
|       | 106               |  |   |      |                  |        |          |        |
|       | 107               |  |   |      |                  |        |          | П      |
|       | 108               |  |   |      |                  | Г      |          |        |
|       | 109<br>110        |  |   |      |                  |        |          |        |
|       | 110               |  |   |      |                  |        |          | П      |
|       | 111               |  |   |      |                  |        |          |        |
|       | 112               |  |   |      |                  |        |          |        |
|       | 112<br>113        |  |   |      |                  |        |          |        |
|       | 114<br>115        |  |   |      |                  |        |          |        |
|       | 115               |  |   |      |                  |        |          |        |
|       | 116               |  |   |      |                  |        |          |        |
|       | 117<br>118        |  |   |      |                  |        |          |        |
|       | 118               |  |   |      |                  |        |          |        |
|       | 119               |  |   |      |                  |        |          |        |
|       | 120<br>121        |  |   |      |                  |        |          |        |
|       | 121               |  |   |      |                  |        |          |        |
|       | 122               |  |   |      |                  |        |          |        |
|       | 123               |  |   |      |                  |        |          |        |
|       | 122<br>123<br>124 |  |   |      |                  |        |          |        |
|       | 125               |  |   |      |                  |        |          |        |
|       | 125<br>126        |  |   |      |                  |        |          |        |
|       | 127               |  |   |      |                  |        |          |        |
|       | 128<br>129        |  |   |      |                  |        |          |        |
|       | 129               |  |   |      |                  |        |          |        |
|       | 130               |  |   |      |                  |        |          |        |
|       | 131<br>132        |  |   |      |                  |        |          |        |
|       | 132               |  |   |      |                  |        |          |        |
|       | 133               |  |   |      |                  |        |          |        |
|       | 134               |  |   |      |                  |        | L        |        |
|       | 135               |  |   |      |                  |        |          | $\Box$ |
|       | 136               |  |   |      |                  |        |          |        |
|       | 137               |  |   |      |                  |        |          |        |
|       | 138               |  | Ш |      | L                | _      |          |        |
|       | 139               |  |   |      | <u> </u>         | $\Box$ | <u> </u> |        |
|       | 140               |  | Ш |      | _                | _      |          |        |
|       | 141               |  |   |      | L_               | _      |          | Ш      |
|       | 142               |  |   |      |                  |        | L        |        |
|       | 143               |  |   |      | L                | L      | L        | oxdot  |
|       | 144               |  |   |      | L                | _      |          |        |
|       | 145               |  |   |      | L                |        |          |        |
|       | 146               |  |   |      | L                |        | <u> </u> | Ш      |
|       | 147               |  |   |      |                  |        |          |        |
|       | 148               |  |   |      |                  |        | L        | Ш      |
|       | 149               |  |   |      |                  |        | L        |        |
|       | 150               |  |   |      |                  |        |          |        |